

PILGRIM NUCLEAR POWER PLANT DRAFT NPDES PERMIT

BACKGROUND

- Target date for internal review is September 2015
- Existing permit expired in 1996—Administratively continued
- Plant re-licensed by NRC through 2032
- Environmental Activists (Closed Cycle Cooling/Terminate Permit)
- Interest of State and Federal Elected Officials (Senators Markey & Wolf)
- General interest to close plant outside of any perceived water impacts (Cape Cod Downwinders – Senator Wolf)
- Pilgrim draft will be among the first BTA draft determinations under new CWA Section 316 (b) regulations (promulgated August 2014)

DISCUSSION

- Biological Impacts (cooling water withdrawal, thermal)
- Costs (monetized)
- Benefits (monetized, qualitative, quantitative)
- NRC licensing and consultation
- Status of Plant with NRC
- Litigation/Effective Permit
- MassDEP viewpoint



- ♦ 467 MGD to/from Cape Cod Bay
- ♦ Class SA/Ocean Sanctuary
- ♦ Entrains 1.5 billion eggs & larvae annually
- ♦ Impinges 43,000 fish annually
- ♦ 670 MW
- ♦ 91% capacity utilization